

CLAIM AMENDMENTS:

1. (Cancelled)

2. (Cancelled)

3. (Currently amended) A medical device with anti-microbial properties comprising:

a catheter having a portion that is partially insertable into the body of a patient and accessible from outside the body once the portion is inserted, wherein the portion has an outer wall, ~~at least one~~a first and a second active lumen within the outer wall, and a false lumen within the outer wall, and

wherein the false lumen has a distal portion and a proximal portion, the false lumen contains an anti-microbial agent that provides the outer wall with anti-microbial properties, the distal portion of the false lumen is sealed to prevent the anti-microbial agent contained therein from directly entering into the body or bloodstream, and the ~~at least one~~first active lumen and the second active lumen at least partially surrounds surround the false lumen, and wherein the anti-microbial agent comprises an iodine-based substance.

4. (Currently amended) The medical device of claim 3, wherein the ~~at least one~~first and second active lumenlumens and the false lumen are concentric.

5. (Canceled)

6. (Currently amended) The medical device of ~~claim 5~~claim 3, wherein the first active lumen is an inlet lumen and the second active lumen is an outlet lumen, and the catheter is a dialysis catheter.

7. (Currently amended) A medical device with anti-microbial properties comprising:

a catheter having a portion that is partially insertable into the body of a patient and accessible from outside the body once the portion is inserted, wherein the portion has an outer wall, a first active lumen and a second active lumen within the outer wall, and a false lumen within the outer wall, and wherein the false lumen has a distal portion and a proximal portion,

the false lumen contains an anti-microbial agent that provides the outer wall with anti-microbial properties, the distal portion of the false lumen is sealed to prevent the anti-microbial agent contained therein from directly entering into the body or bloodstream, and ~~at least one of the first or_ and~~ second active lumens at least partially ~~surrounds surround~~ the false lumen, wherein the first active lumen is an inlet lumen and the second active lumen is an outlet lumen, and the catheter is a hemodialysis catheter.

8-14. (Cancelled)

15. (Previously presented) A medical device with anti-microbial properties comprising:

a portion that is partially insertable into the body of a patient and accessible from outside the body once the portion is inserted, wherein the portion has an outer wall, at least one active lumen within the outer wall, and a false lumen within the outer wall, and wherein the false lumen has a distal portion and a proximal portion, and the distal portion of the false lumen is sealed to prevent the anti-microbial agent contained therein from directly entering into the body or bloodstream; and

a substrate having a first end and a second end, wherein the substrate is comprised of an anti-microbial agent, the substrate is capable of being inserted into the false lumen, and the substrate is capable of providing the outer wall with anti-microbial properties, wherein the anti-microbial agent is an iodine-based substance, wherein the portion has a first active lumen and a second active lumen and wherein the first active lumen and the second active lumen at least partially surround the false lumen.

16. (Original) The medical device of claim 15, wherein the medical device is a catheter.

17. (Previously presented) A hemodialysis catheter with anti-microbial properties comprising:

a portion that is partially insertable into the body of a patient and accessible from outside the body once the portion is inserted, wherein the portion has an outer wall, at least one active lumen within the outer wall, and a false lumen within the outer wall, and wherein the false lumen has a distal portion and a proximal portion, and the distal portion of the false lumen is sealed to prevent the anti-microbial agent contained therein from directly entering into the body or bloodstream; and

a substrate having a first end and a second end, wherein the substrate is comprised of an anti-microbial agent, the substrate is capable of being inserted into the false lumen, and the substrate is capable of providing the outer wall with anti-microbial properties, wherein the portion has a first active lumen and a second active lumen, and the first active lumen and the second active lumen at least partially surround the false lumen.

18-28. (Cancelled)

29. (Currently amended) The medical device of claim 3 further comprising a biologically active material disposed in at least one of the first and second active lumens.

30. (Currently amended) The medical device of claim 7 further comprising a biologically active material disposed in at least one of the first and second active lumens.

31. (Cancelled)

32. (Currently amended) The medical device of claim 17 further comprising a biologically active material disposed in at least one of the first and second active lumens.

33. (Previously Presented) The medical device of claim 3, wherein the false lumen contains an aqueous solution therein.

34. (New) The medical device of claim 3, wherein the false lumen contains a substrate having a first end and a second end, wherein the substrate comprises said anti-microbial agent.

35. (New) The medical device of claim 3, wherein the substrate is in the shape of a rod.

36. (New) The medical device of claim 3, wherein the first end of the substrate comprises an amount of anti-microbial agent that is greater than the amount of anti-microbial agent present in the second end of the substrate.

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37. (New) The medical device of claim 7, wherein the false lumen contains a substrate having a first end and a second end, wherein the substrate comprises said anti-microbial agent.
38. (New) The medical device of claim 7, wherein the substrate is in the shape of a rod.
39. (New) The medical device of claim 7, wherein the first end of the substrate comprises an amount of anti-microbial agent that is greater than the amount of anti-microbial agent present in the second end of the substrate.
40. (New) The medical device of claim 7, wherein the false lumen contains an aqueous solution therein.
41. (New) The medical device of claim 15, wherein the substrate is in the shape of a rod.
42. (New) The medical device of claim 15, wherein the first end of the substrate comprises an amount of anti-microbial agent that is greater than the amount of anti-microbial agent present in the second end of the substrate.
43. (New) The medical device of claim 15, wherein the at least one active lumen and the false lumen are concentric.
44. (New) The medical device of claim 15, wherein the first active lumen is an inlet lumen and the second active lumen is an outlet lumen, and the catheter is dialysis catheter.
45. (New) The medical device of claim 17, wherein the substrate is in the shape of a rod.
46. (New) The medical device of claim 17, wherein the first end of the substrate comprises an amount of anti-microbial agent that is greater than the amount of anti-microbial agent present in the second end of the substrate.

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47. (New) The medical device of claim 17, wherein the at least one active lumen and the false lumen are concentric.

48. (New) The medical device of claim 17, wherein the first active lumen is an inlet lumen and the second active lumen is an outlet lumen, and the catheter is dialysis catheter.